

4.2.D. 0603000304.

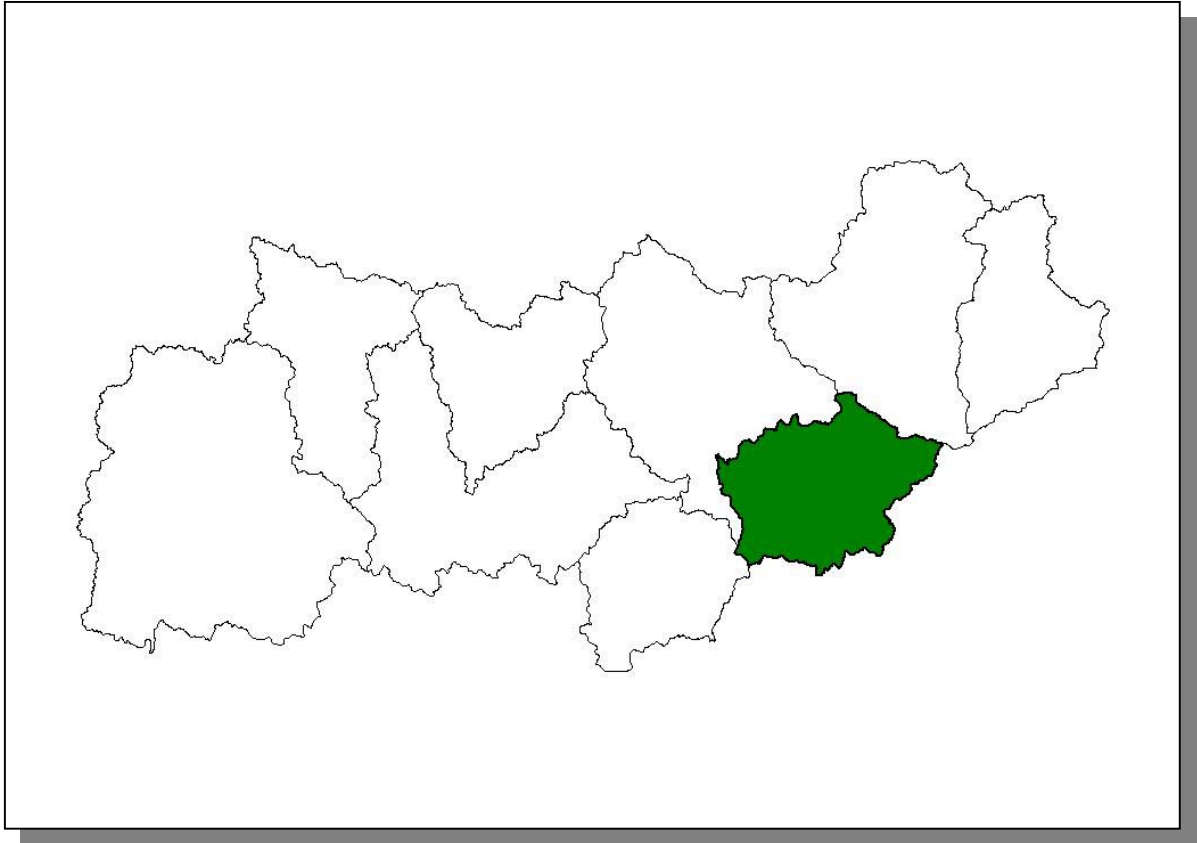


Figure 4-38. Location of Subwatershed 0603000304. All Upper Elk HUC-10 subwatershed boundaries are shown for reference.

4.2.D.i. General Description.

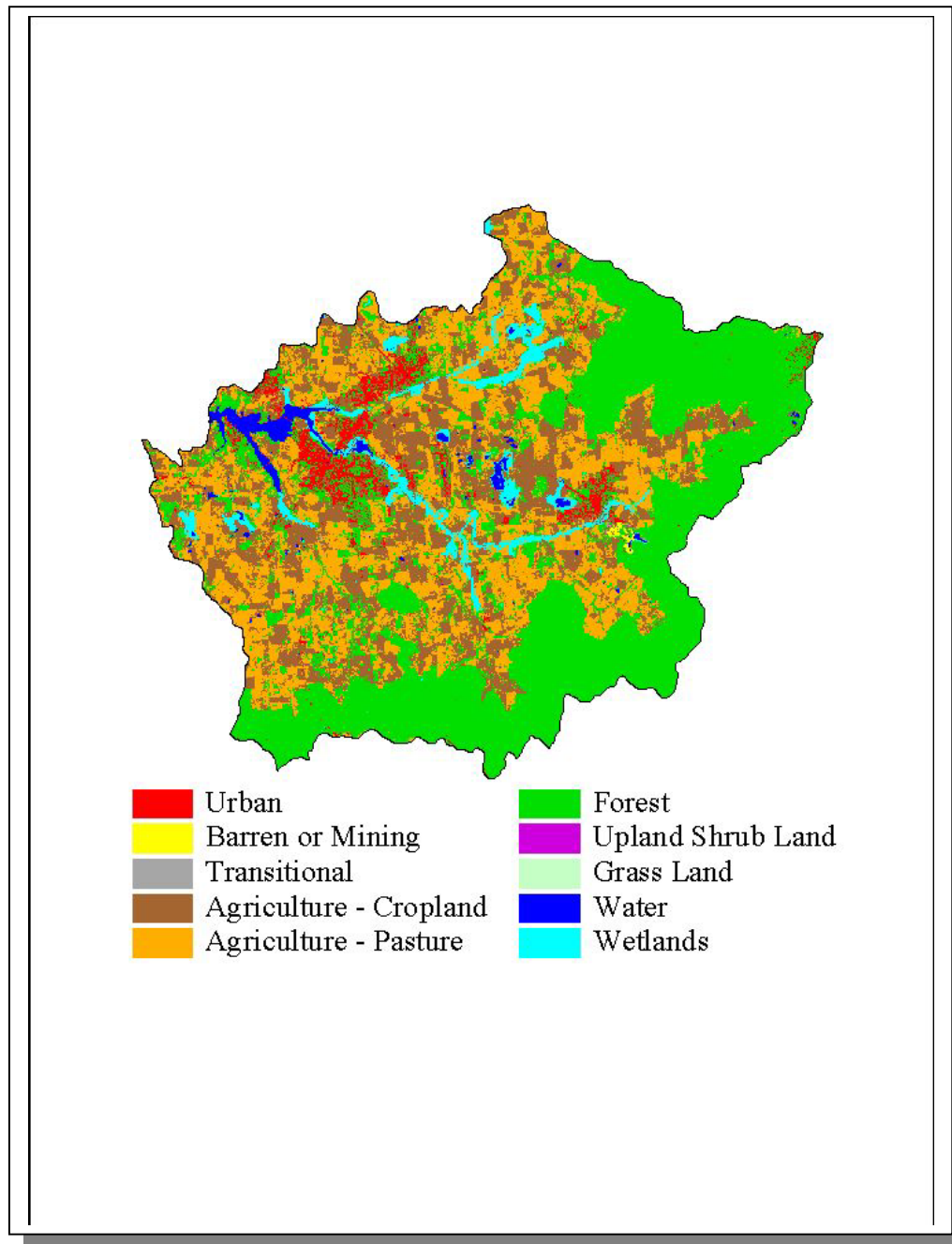


Figure 4-39. Illustration of Land Use Distribution in Subwatershed 0603000304.

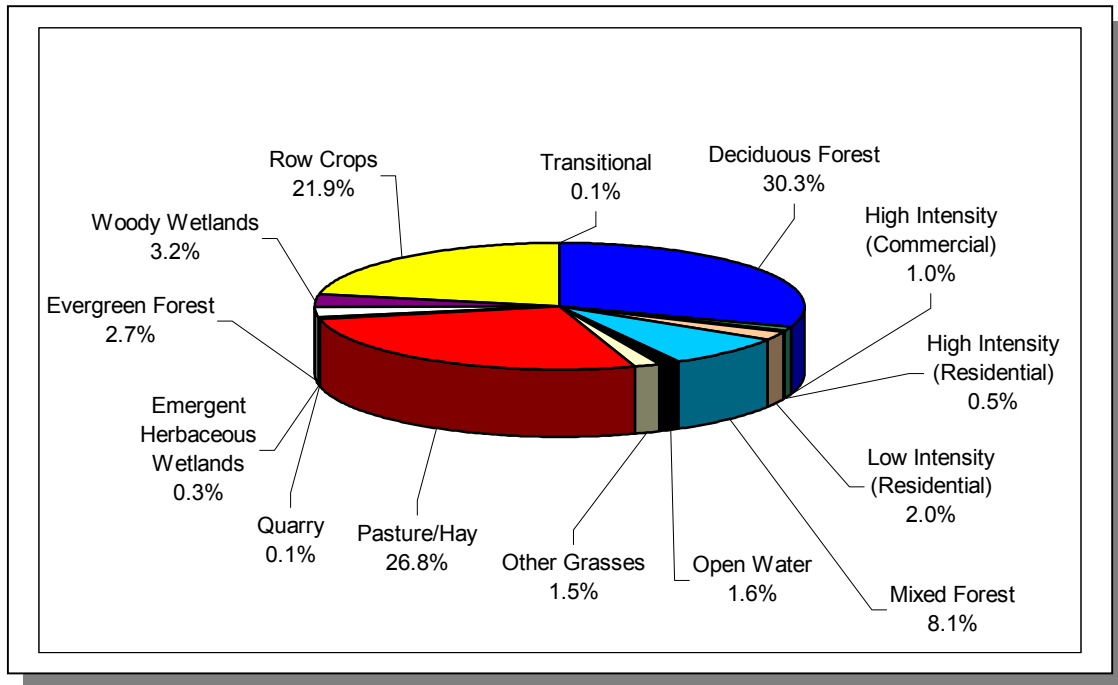


Figure 4-40. Land Use Distribution in Subwatershed 0603000304. More information is provided in Upper Elk-Appendix IV.

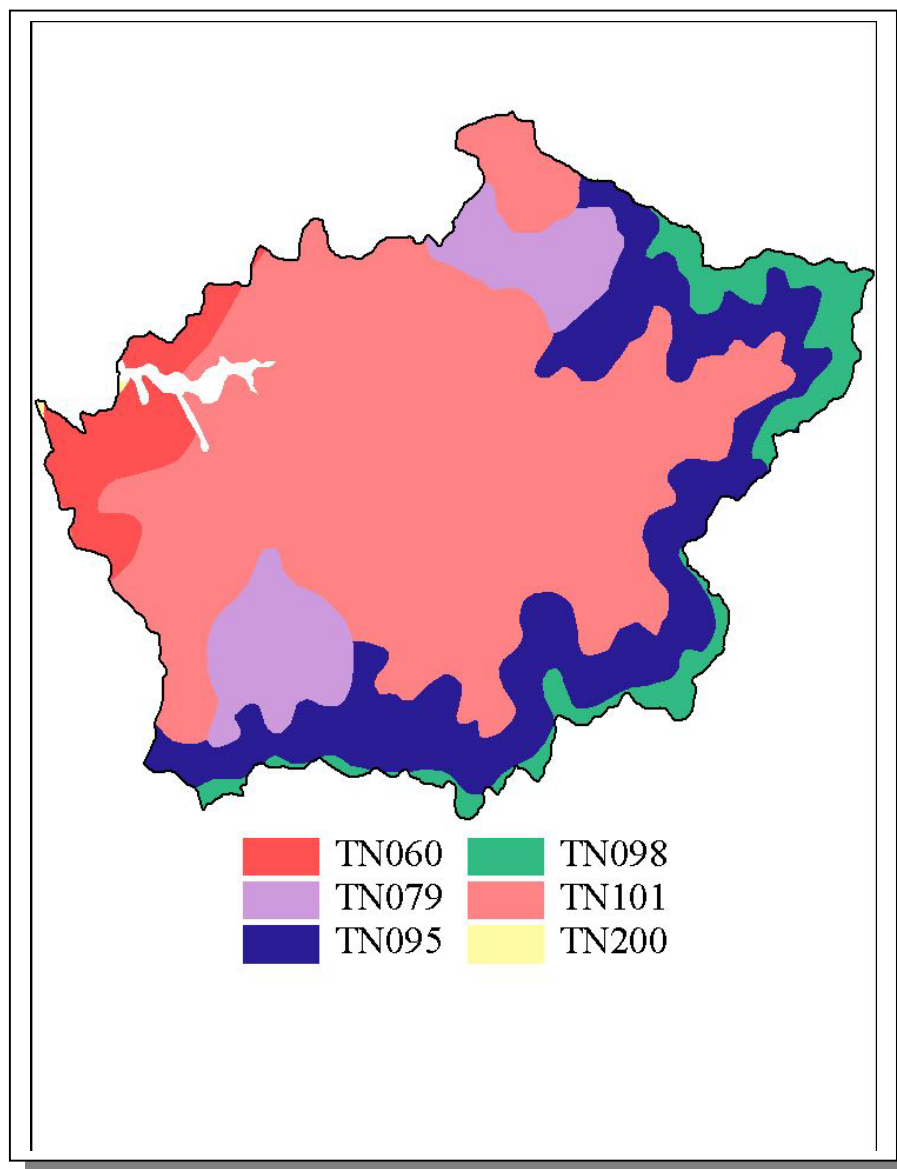


Figure 4-41. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0603000304.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN060	5.00	B	1.30	5.32	Silty Loam	0.39
TN079	8.00	C	1.30	5.66	Silty Loam	0.35
TN095	0.00	B	2.35	5.12	Loam	0.31
TN098	1.00	C	3.98	4.82	Loam	0.32
TN101	0.00	B	1.71	5.39	Loam	0.35
TN200	1.00	B	2.81	5.28	Loam	0.31

Table 4-22. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0603000304. More information is provided in Upper Elk-Appendix IV.

	COUNTY POPULATION		Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED		% CHANGE
	1990	1997 Est.		1990	1997	
County						
Franklin	34,725	37,152	18.63	6,470	6,922	7.0

Table 4-23. Population Estimates in Subwatershed 0603000304.

			NUMBER OF HOUSING UNITS			
Populated Place	County	Population	Total	Public Sewer	Septic Tank	Other
Cowan	Franklin	1,738	728	701	27	0
Decherd	Franklin	2,296	913	867	46	0
Winchester	Franklin	6,305	2,625	2,318	307	0
Total		10,339	4,266	3,886	380	0

Table 4-24. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 0603000304.

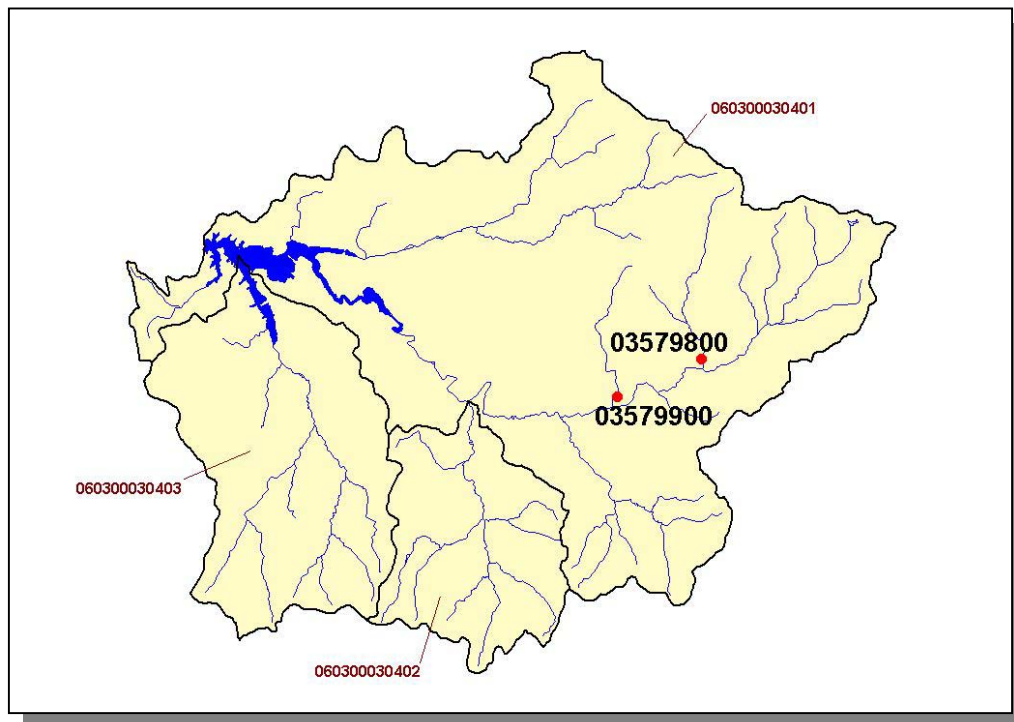


Figure 4-42. Location of Historical Streamflow Data Collection Sites in Subwatershed 0603000304. Subwatershed 060300030401, 060300030402, and 060300030403 boundaries are shown for reference. More information is provided in Upper Elk-Appendix IV.

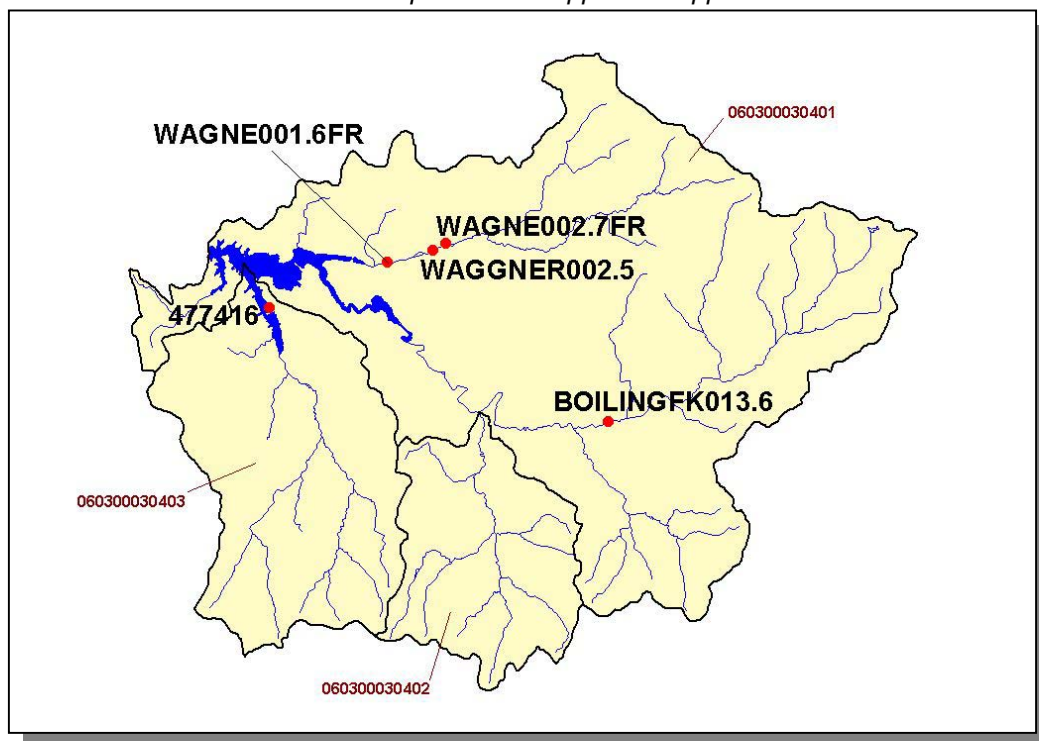


Figure 4-43. Location of STORET Monitoring Sites in Subwatershed 0603000304. Subwatershed 060300030401, 060300030402, and 060300030403 boundaries are shown for reference. More information is provided in Upper Elk-Appendix IV.

4.2.D.ii. Point Source Contributions.

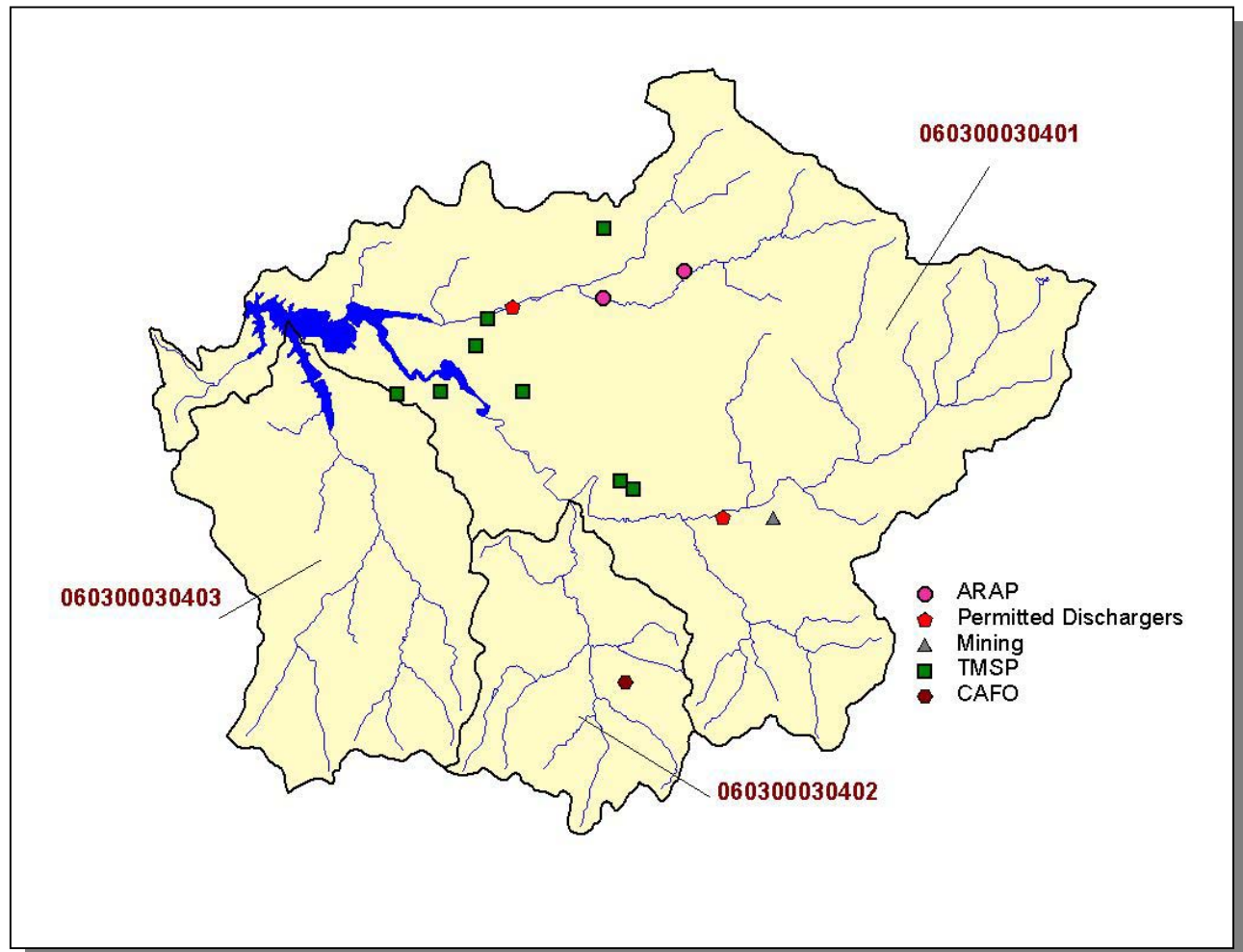


Figure 4-44. Location of Active Point Source Facilities in Subwatershed 0603000304. Subwatershed 060300030401, 060300030402, and 060300030403 boundaries are shown for reference. More information is provided in the following charts.

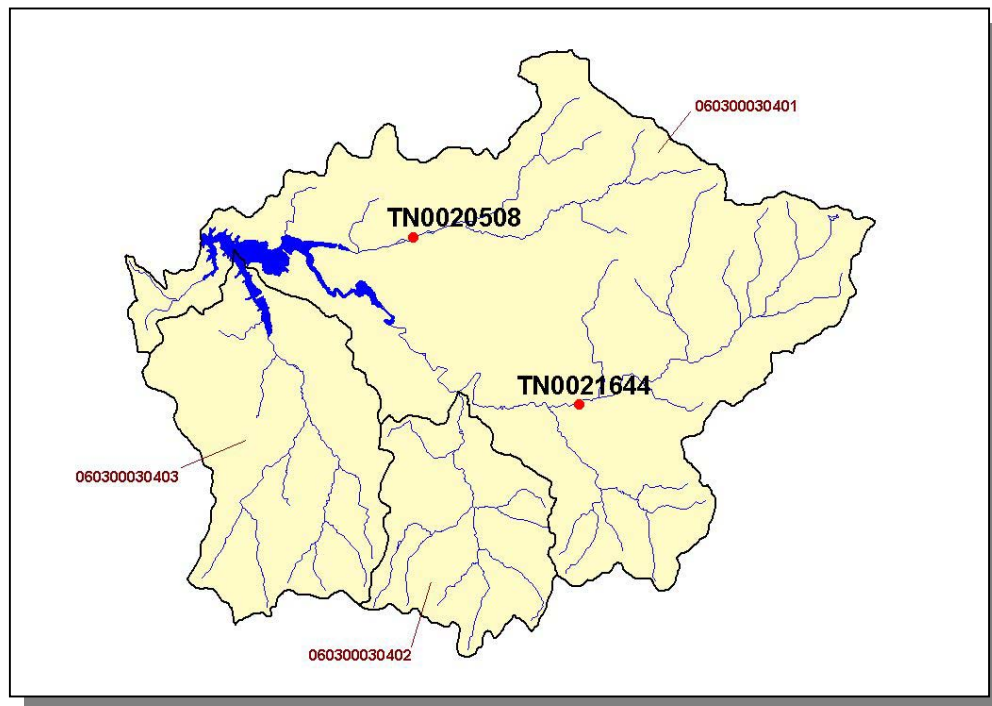


Table 4-25. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 0603000304. Subwatershed 060300030401, 060300030402, and 060300030403 boundaries are shown for reference. More information is provided in Upper Elk-Appendix IV.

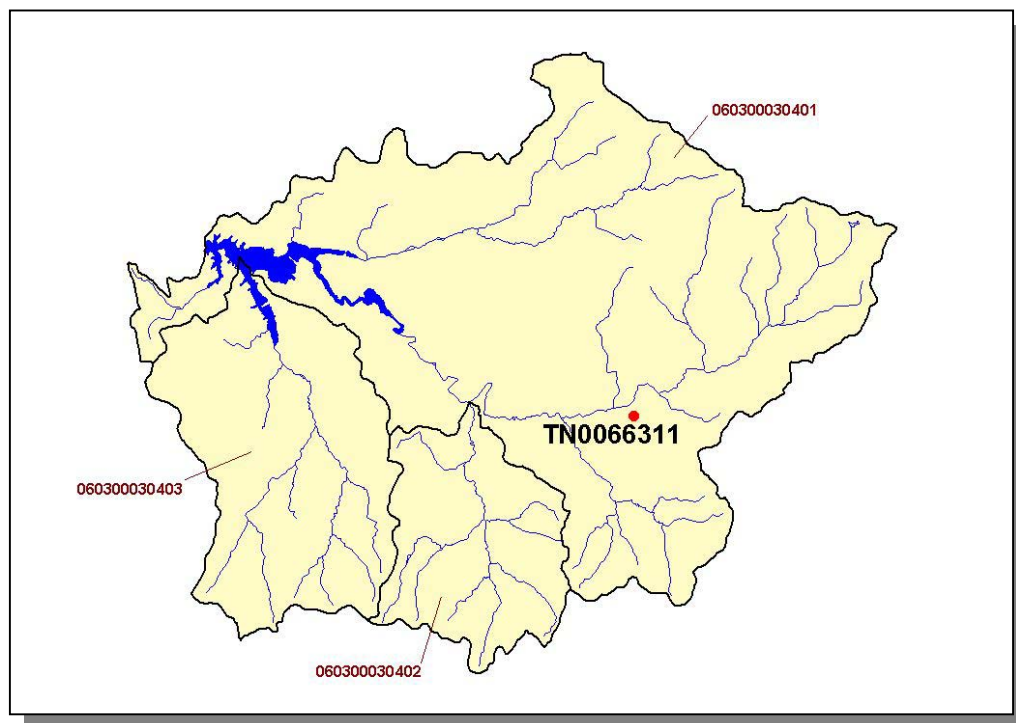


Figure 4-45. Location of Active Mining Sites in Subwatershed 0602000206. Subwatershed 060300030401, 060300030402, and 060300030403 boundaries are shown for reference. More information is provided in Upper Elk-Appendix IV.

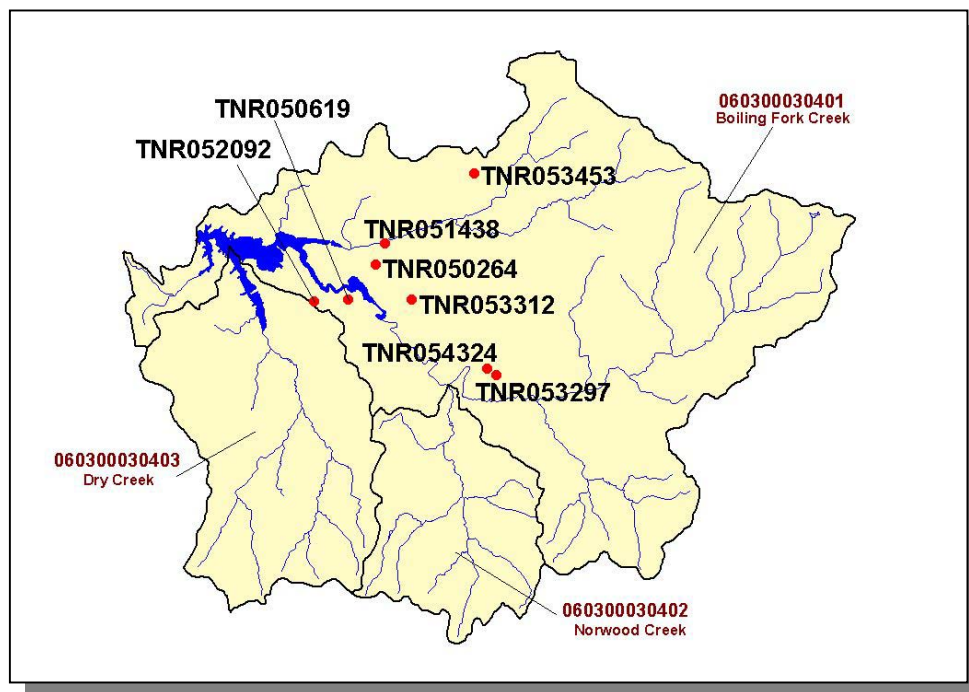


Figure 4-46. Location of TMSF Facilities in Subwatershed 0603000304. Subwatershed 060300030401, 060300030402, and 060300030403 boundaries are shown for reference. More information is provided in Upper Elk-Appendix IV.

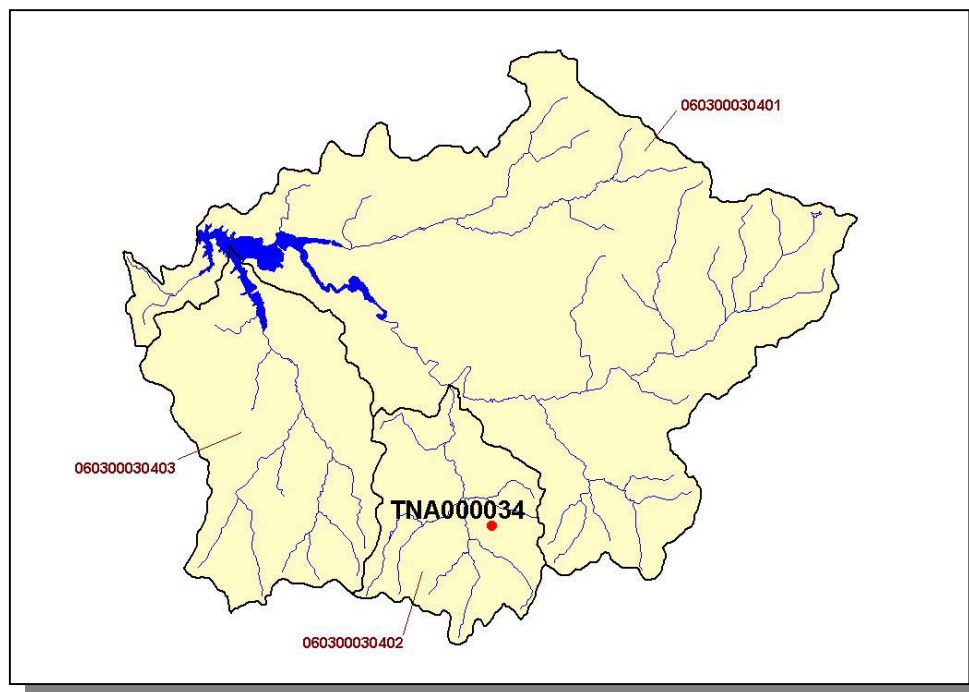


Figure 4-47. Location of CAFO Facilities in Subwatershed 0603000304. Subwatershed 060300030401, 060300030402, and 060300030403 boundaries are shown for reference. CAFO rules may be found at <http://cfpub.epa.gov/npdes/afo/cafofinalrule.cfm>. More information, including the names of facilities, is provided in Upper Elk-Appendix IV.

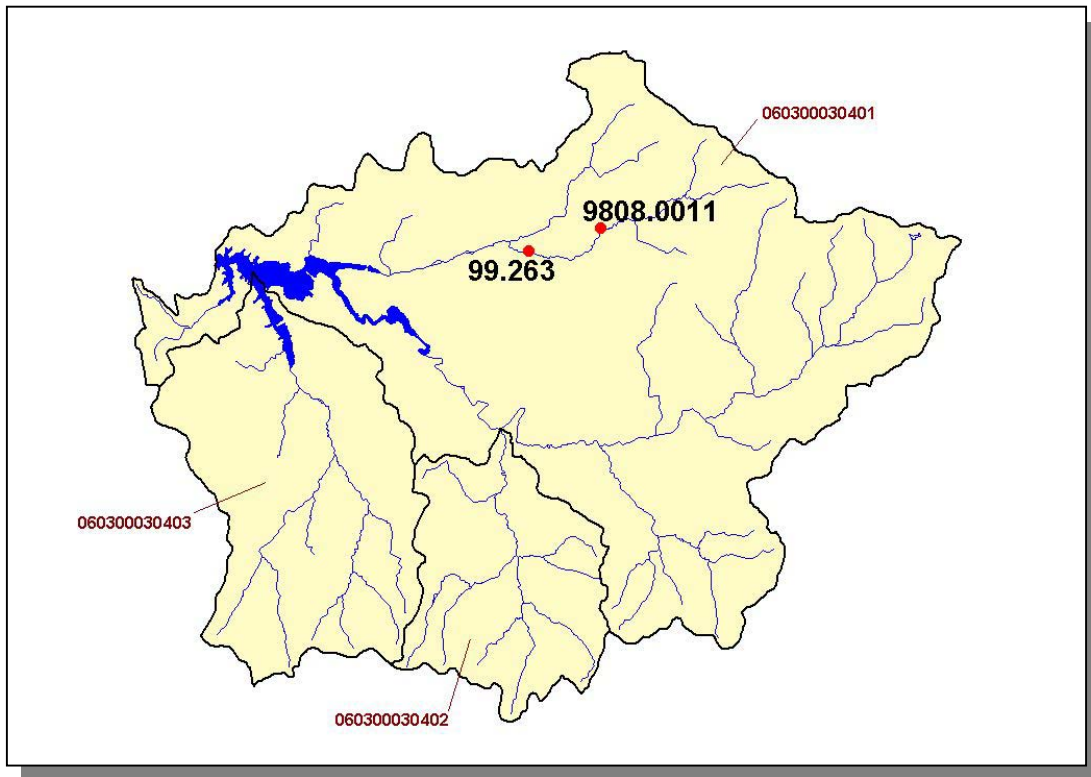


Figure 4-48. Location of ARAP Sites (Individual Permits) in Subwatershed 0603000304. Subwatershed 060300030401, 060300030402, and 060300030403 boundaries are shown for reference. More information is provided in Upper Elk-Appendix IV.

4.2.D.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Milk Cow	Cattle	Chickens	Chickens Sold	Hogs	Sheep
3,928	849	8,690	8	2,325,343	5,472	30

Table 4-26. Summary of Livestock Count Estimates in Subwatershed 0603000304. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Franklin	183.4	183.0	6.0	28.7

Table 4-27. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 0603000304.

CROPS	TONS/ACRE/YEAR
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Corn (Row Crops)	5.57
Soybeans (Row Crops)	3.88
Wheat (Close Grown Cropland)	5.55
All Other Close Grown Cropland	5.82
Legume (Hayland)	1.64
Grass (Pastureland)	0.32
Grass, Forbs, Legumes (Mixed Pasture)	0.52
Conservation Reserve Program Land	0.09
Other (Horticulture)	1.92
Other Cropland not Planted	2.04
Non Agricultural Land Use	0.00
Farmsteads and Ranch Headquarters	0.13

Table 4-28. Annual Soil Loss in Subwatershed 0603000304.